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PATENT ABSTRACTS OF JAPAN

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AUTOMATIC MILK PREPARING AND DISPENSING DEVICE

**INVENTOR:** KANEIZUMI MASARU

**APPL-NO:** 07209233

**FILED-DATE:** July 24, 1995

**ASSIGNEE-AT-ISSUE:** TOUYOUBOU ENG KK

HIRATANI:KK

MASUTO MEDICAL:KK

**PUB-TYPE:** February 4, 1997 - Un-examined patent application (A)

**PUB-COUNTRY:** Japan (JP)

**IPC-MAIN-CL:** A 47J031#41

**IPC ADDL CL:** A 23C009#0, A 23L002#38

**ENGLISH-ABST:**

**PROBLEM TO BE SOLVED:** To provide an automatic milk preparing and dispensing device in which the work from milk preparation to dispensation is automated, thereby saving power, and the work can be sanitarily performed without being touched by the hand of a worker.

**SOLUTION:** A cooling tank 2 opened in the upper part is mounted on a table 1, a cylindrical milk preparing bottle 6 having a lid is inserted thereto, a stirrer 7 is mounted under the cooling tank 2, and a primary side pump 9 for quantitatively dispensing sterilized preparing milk water to the milk preparing bottle 6 and a secondary side pump 29 for quantitatively dispensing the prepared milk solution obtained by stirring and dissolving it with milk starting material in the milk preparing bottle 6 are also mounted on the table 1. A weighing base 38 containing a weighing equipment is mounted under the discharge port of the secondary side pump 29, and a milk preparation control unit 46 for automatically controlling them is installed.